

Claims:

1. A magnetic head slider having opposite sides and a leading edge side on which an air stream induced by a magnetic disc flows into the slider, and a trailing edge side on which the air stream flows out from the slider, and comprising a leading pad formed on the leading edge side and serving as an air bearing surface, a trailing pad formed on the trailing edge side, and serving as an air bearing surface, a pair of side rails formed along the opposite sides having rail surfaces, and a recess surface defined between the leading pad and the trailing pad, wherein the leading pad having a height which is measured from the recess surface and which is greater than that of the trailing pad.

2. A magnetic head slider as set forth in claim 1, wherein the leading pad includes a first surface projected from a recess surface, and a second surface which is formed on the leading edge side of the first surface and which is lower than the first surface, and the trailing pad includes a third surface projected from the recess surface and a fourth surface which is formed on the leading edge side of the third surface and which is lower than the third surface, the second surface of the leading pad being higher than the third surface of the trailing pad.

3. A magnetic head slider as set forth in claim 1 or 2, wherein the second surface is higher than the

rail surfaces of the side rails.

4. A magnetic head slider as set forth in claim 1 or 2, wherein the third surface is higher than the rail surfaces of the side rails.

5. A magnetic head slider as set forth in claim 1 or 2, the second surface is higher than the rail surfaces of the side rails, and the third surface is higher than the rail surfaces while the fourth surface is flush with the rail surfaces of the side rails.

6. A magnetic head slider as set forth in claim 1 or 2, wherein the height of the third surface of the trailing pad measured from the recess surface is set to be not greater than 4 μm .

7. A magnetic disc unit incorporating a magnetic head slider mounted thereon a magnetic disc and a magnetic head for recording and reproducing data to and from the magnetic disc, the magnetic head slider having opposite sides and a leading edge side on which an air stream induced by a magnetic disc flows into the slider, and a trailing edge side on which the air stream flows out from the slider, and comprising a leading pad formed on the leading edge side and serving as an air bearing surface, a trailing pad formed on the trailing edge side, and serving as an air bearing surface, a pair of side rails formed along the opposite sides having rail surfaces, and a recess surface defined between the leading pad and the trailing pad, the leading pad including a first surface

projected from the recess surface, and a second surface which is formed on the leading edge side of the first surface and which is lower than the first surface; and

the trailing pad including a third surface projected from the recess surface and a fourth surface which is formed on the leading edge side of the third surface and which is lower than the third surface, and

the second surface of the leading pad being higher than the third surface of the trailing pad.

8. A magnetic disc unit as set forth in claim 7, wherein the magnetic disc is a flat disc having an averaged degree Ra of center line surface roughness which is not greater than 1 nm, and a maximum center line height Rp which is not greater than 5 nm.